

ABSTRACT OF THE DISCLOSURE

An ink-jet recording apparatus comprises an ink-jet head having an ink ejection surface on which a plurality of nozzles are arrayed; a medium carrier forming a carrying surface on which a record medium is carried; a carriage mounted with the ink-jet head such that the ink ejection surface confronts the carrying surface; a carriage drive mechanism including a plurality of parallel guide rods supporting the carriage and extending across the direction where the record medium is carried by the medium carrier, the carriage drive mechanism reciprocating the carriage along the guide rods; and a guide shift mechanism for shifting the plurality of guide rods in a direction where the gap between the ink ejection surface and the carrying surface varies.

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